

INTERNATIONAL INDIAN SCHOOL BURAIDAH

Worksheet for the Academic Year 2025-26

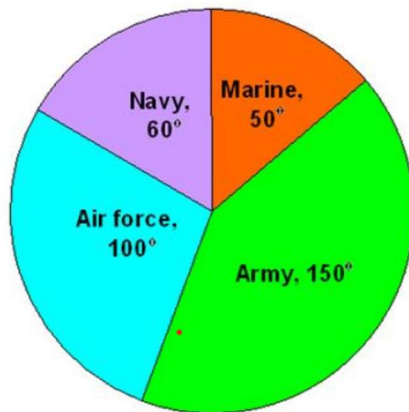
CLASS: VIII

SUBJECT: MATHEMATICS

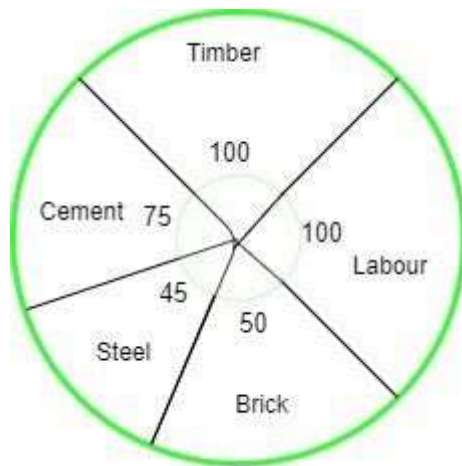
DATE: 20-06-2025

LESSON 4: DATA HANDLING

1. The central angle of a pie graph is -----
2. How many outcomes are possible when throwing a dice.
3. In a deck of 52 cards, what is the probability of getting.
  - a) Black cards
  - b) King
  - c) Face cards
  - d) An ace
4. A class consists of 21 boys and 9 girls. A student is to be selected for social work. Find the probability that
  - a) A girl is selected.
  - b) A boy is selected.
5. A bag contains 3 red balls, 5 black balls, and 4 white balls. A ball is drawn at random from the bag. What is the probability that the ball drawn is
  - a) White
  - b) Red
  - c) Black
  - d) Not red
6. What is the probability that a number selected from the numbers 1,2,3,.....15 is a multiple of 4
7. Three coins are tossed together. Find the probability of getting
  - a) Exactly two heads
  - b) No tail
8. Nine hundred men volunteered to join the armed forces. The pie- graph represents the proportion of men in the different armed services. Study the pie graph and answer the questions given below:



- Find how many men volunteered for each service.
  - What percentage of the men volunteered to join the Navy force?
9. The given pie graph represents the expenditure on different items to construct a flat. If the expenditure incurred on cement is ₹112500, find the following:



- Total cost of the flat
  - Expenditure incurred on labour
10. The following table shows that the student spends his pocket money during a month

Items	Food	Entertainment	Other expenditure	savings
Expenditure (₹)	40%	25%	20%	15%

Draw a pie graph to represent the above information.

11. The choice of food for a group of people given below. Draw a pie graph using the information.

Favourite Food	North Indian	South Indian	Chinese	Others	Total
Number of people	30	40	25	25	120

12. The following data shows the expenditure of a person on different items during a month. Represent the data in a pie graph.

Items of expenditure	Rent	Education	Food	Clothing	Others
Amount (₹)	2700	1800	2400	1500	2400

**Answers:**

1.  $360^\circ$

2. 6

3. a)  $\frac{1}{2}$

b)  $\frac{1}{13}$

c)  $\frac{3}{13}$

d)  $\frac{1}{13}$

4. a)  $\frac{3}{10}$

b)  $\frac{7}{10}$

5. a)  $\frac{1}{3}$

b)  $\frac{1}{4}$

c)  $\frac{5}{12}$

d)  $\frac{3}{4}$

6.  $\frac{1}{5}$

7. a)  $\frac{3}{8}$

b)  $\frac{1}{8}$

8. a) Army- 375,

Air Force- 250,

Navy- 150,

Marine- 125

b) 16.67

9. a) ₹540000

b) ₹150000

\*\*\*\*\*